

Substitute for form 1449A/PTO		<b>Complete If Known</b>	
<b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/550,580
		Filing Date	September 23, 2005
		First Named Inventor	Bachmann, M.
		Art Unit	1648
		Examiner Name	Kinsey White, Nicole Erin
(Use as many sheets as necessary)		Attorney Docket Number	1700.0610001/BJD/WBC
Sheet	1	of	2

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If Known)			
	AA				
	AB				
	AC				
	AD				
	AE3	US 6,054,312 B1	25-Apr-2000	Larocca et al.	
	AF3	US 6,159,728 B1	12-Dec-2000	Stockley et al.	
	AG3	US 6,207,646 B1	27-Mar-2001	Krieg et al.	
	AH3	US 6,239,116 B1	29-May-2001	Krieg et al.	
	AI3	US 6,429,199 B1	6-Aug-2002	Krieg et al.	
	AJ3	US 6,727,230 B1	27-Apr-2004	Hutcherson et al.	
	AK				

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup> Kind Code <sup>3</sup> (in known)			
	AL				
	AM				
	AN				
	AO				
	AP9	EP 0 468 520 A2	29-Jan-1992	Mitsui Toatsu Chemicals, Inc.	

Examiner Signature	/Nicole Kinsey/	Date Considered	04/07/2009
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Substitute for form 1449A/PTO

**FIRST SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete If Known**

Application Number	10/550,580
Filing Date	September 23, 2005
First Named Inventor	Bachmann, M.
Att Unit	1648
Examiner Name	Kinsey White, Nicole Erin
Attorney Docket Number	1700.0610001/BJD/WBC

Sheet	2	of	2
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Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If Known)			
	AA				
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		Country Code <sup>3</sup> Kind Code <sup>4</sup> (If Known)				
	AL10	WO 95/26204 A1	5-Oct-1995	Isis Pharmaceuticals, Inc.		
	AM10	WO 96/02555 A1	1-Feb-1996	The University of Iowa Research Foundation		
	AN10	WO 97/28259 A1	7-Aug-1997	The Reagents of the University of California		
	AO10	WO 99/11275 A2	11-Mar-1999	The Reagents of the University of California		
	AP					

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<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16. If possible, <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1440B/PTO <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)			<b>Complete If Known</b>		
			Application Number	10/550,580	
			Filing Date	September 23, 2005	
			First Named Inventor	BACHMANN M.	
			Art Unit	1648	
			Examiner Name	Kinsey White, Nicole Erin	
Sheet	1	of	2	Attorney Docket Number	1700.0810001/BJD/WBC

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	NPL87	Axblom, <i>et al.</i> , (1998) Virology 249(NA):80-8, Academic Press -- Structure of Phage fr Capsids with a Deletion in the FG loop: Implications for Viral Assembly	
	NPL88	Halpern, <i>et al.</i> , (1996) Cell Immunol 167(1):72-8, Academic Press -- Bacterial DNA induces murine interferon- $\gamma$ production by stimulation of interleukin-12 and tumor necrosis factor- $\alpha$ .	
	NPL89	Kline, <i>et al.</i> , (1996) J. Invest Med 44(7):380A, Lippincott Williams & Wilkins -- CpG motif oligonucleotides are effective in prevention of eosinophilic inflammation in a murine model of asthma	
	NPL90	Kline, <i>et al.</i> , (1998) J Immunol 160(6):2555-9, The American Association of Immunologists -- Modulation of airway inflammation by CpG oligodeoxynucleotides in a murine model of asthma.	
	NPL91	Kline, <i>et al.</i> , (2002) Am J Physiol Lung Cell Mol Physiol 283(1):L170-9, The American Physiological Society -- Treatment of established asthma in a murine model using CpG oligodeoxynucleotides.	
	NPL92	Klinman, <i>et al.</i> , (1996) Proc Natl Acad Sci U S A 93(7):2879-83, National Academy of Sciences -- CpG motifs present in bacteria DNA rapidly induce lymphocytes to secrete interleukin 6, interleukin 12, and interferon gamma.	
	NPL93	Krieg (1999) Blochim Biophys Acta 1489(1):107-16, Elsevier Science B.V. -- Mechanisms and applications of immune stimulatory CpG oligodeoxynucleotides.	
	NPL94	Krieg (2002) Annu Rev Immunol 20:709-60, Annual Reviews -- CpG motifs in bacterial DNA and their immune effects.	
	NPL95	Krieg and Davis (2001) Curr Opin Mol Ther 3(1):15-24, Pharma Press Ltd -- Enhancing vaccines with immune stimulatory CpG DNA.	
	NPL96	Krieg, <i>et al.</i> , (1995) Nature 374(6522):546-9, Nature Publishing Group -- CpG motifs in bacterial DNA trigger direct B-cell activation.	

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<b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Application Number</b>	10/550,580
				<b>Filing Date</b>	September 23, 2005
				<b>First Named Inventor</b>	BACHMANN, M.
				<b>Art Unit</b>	1648
				<b>Examiner Name</b>	Kinsey White, Nicole Erin
<b>Sheet</b>	2	of	2	<b>Attorney Docket Number</b>	1700.0610001/BJD/WBC

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published		T <sup>2</sup>
	NPL97	Krieg, <i>et al.</i> , (1996) Antisense Nucleic Acid Drug Dev 6(2):133-9, Mary Ann Liebert, Inc. -- Oligodeoxynucleotide modifications determine the magnitude of B cell stimulation by CpG motifs.		
	NPL98	Kuramoto, <i>et al.</i> , (1992) Cancer Immunol Immunother 34(5):283-8, Springer-Verlag -- Induction of T-cell-mediated immunity against MethA fibrosarcoma by intratumoral injections of a bacillus Calmette-Guerin nucleic acid fraction.		
	NPL99	Lotz, <i>et al.</i> , (1987) J Rheumatol 14(1):42-5, Journal Of Rheumatology Publishing Co. -- Effects of recombinant human interferons on rheumatoid arthritis B lymphocytes activated by Epstein-Barr virus.		
	NPL100	Peabody (1997) Arch Biochem Biophys 347(1):85-92, Academic Press -- Subunit fusion confers tolerance to peptide insertions in a virus coat protein.		
	NPL101	Raz, <i>et al.</i> , (1996) Proc Natl Acad Sci U S A 93(10):5141-5, National Academy of Sciences -- Preferential induction of a Th1 immune response and inhibition of specific IgE antibody formation by plasmid DNA immunization.		
	NPL102	Stonehouse and Stockley (1993) FEBS Lett 334(3):355-9, Elsevier Science Publishers B.V. -- Effects of amino acid substitution on the thermal stability of MS2 capsids lacking genomic RNA.		
	NPL103	Weiner, <i>et al.</i> , (1997) Proc Natl Acad Sci U S A 94(20):10833-7, National Academy of Sciences -- Immunostimulatory oligodeoxynucleotides containing the CpG motif are effective as immune adjuvants in tumor antigen immunization.		
	NPL104	Yamamoto, <i>et al.</i> , (1992) Microbiol Immunol 36(9):983-97, Japanese Society For Bacteriology -- DNA from bacteria, but not from vertebrates, induces Interferons, activates natural killer cells and inhibits tumor growth.		
	NPL105	Yamamoto, <i>et al.</i> , (1994) Jpn J Cancer Res 85(8):775-9, Japanese Cancer Association -- Synthetic oligonucleotides with certain palindromes stimulate interferon production of human peripheral blood lymphocytes <i>in vitro</i> .		

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